

## APPENDIX A Sette et al.

Appl. No. 09/350,401 Atty Docket No. 2473.0060008/PAJ/M-M

Table XXIV. MHC-peptide binding assays: cell lines and radiolabeled ligands.

	assays
	binding
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Species	Antigen	Allele	Cell line	Source	Radiolabeled nentide	ICSO THE SEO ID NO.	Notes
Human	A	A*0101	Steinlin	Hu. J chain 102-110	YTAVVPLVY	3539	no NEN in PI cocktail
	A2	A*0201	λŢ	HBVc 18-27 F6->Y	FLPSDYFPSV	3540	no NEN in Pl cocktail
	<b>A2</b>	A*0202	P815 (transfected)	HBVc 18-27 F6->Y	FLPSDYFPSV	3540	no NEN in Pl cocktail
	A2	A*0203	FUN	HBVc 18-27 F6->Y	FLPSDYFPSV	3540	no NEN in PI cocktail
	<b>A</b> 2	A*0206	CLA	HBVc 18-27 F6->Y	FLPSDYFPSV	3540	no NEN in Pl cocktail
	<b>A</b> 2	A*0207	721.221 (transfected)	HBVc 18-27 F6->Y	FLPSDYFPSV	3540	no NEN in Pl cocktail
	<b>Y3</b>		GM3107	non-natural (A3CON1)	KVFPYALINK	3541	no NEN in Pl cocktnil
	ΑΊΙ		BVR	non-natural (A3CON1)	KVFPYALINK	3541	no NEN in PI cocktail
r	A24	A*2402	KAS116	non-natural (A24CON1)	AYIDNYNKF	3542	no NEN in Pl cockinil
	A31	A*3101	SPACH	non-natural (A3CON1)	KVFPYALINK	3541	no NEN in Pl cocktail
	A33	A*3301	LWAGS	non-natural (A3CON1)	KVFPYALINK	3541	no NEN in Pl cocktail
	A28/68	A*6801	CIR	HBVc 141-151 T7->Y	STLPETYVVRR	3543	no NEN in PI cocktail
	A28/68	A*6802	AMAI	HBV pol 646-654 C4->A	FTQAGYPAL	3544	no NEN in Pl cockrail
	B7	B*0702	GM3107	A2 sigal seq. 5-13 (L7->Y)	APRTLVYLL	3545	no NEN in Pl cocktail
	B8	B*0801	Steinlin H]	HIVgp 586-593 Y1->F, Q5->Y	FLKDYQLL	3546	no NEN in Pl cocktail
	B27	B*2705	rez	R 60s	FRYNGLIHR	3547	no NEN in Pl cocktail
	B35	B*3501	CIR, BVR	non-natural (B35CON2)	FPFKYAAAF	3548	no NEN in Pl cocktnil
	B35	B*3502	TISI	non-natural (B35CON2)	FPFKYAAAF	3548	no NEN in PI cocktail
	B35	B*3503	EHIM	non-natural (B35CON2)	FPFKYAAAF	3548	no NEN in Pl cocktail
	B44	B*4403	PITOUT	EF-1 G6->Y	AEMGKYSFY	3549	no NEN in Pl cockinil
	B51		KAS116	non-natural (B35CON2)	FPFKYAAAF	3550	no NEN in PI cooking
	B53	B*5301	AMAI	non-natural (B35CON2)	FPFKYAAAF	3550	no NEN in Pl cocktnil
•	B54	B*5401	KT3	non-natural (B35CON2)	FPFKYAAAF	3550	no NEN in Pl cockinil
	Cw4	Cw*0401	CIR	non-natural (C4CON 1)	QYDDAVYKL	3551	no NEN in Pl cocktail
	Cw6	Cw*0602	721.221 transfected	non-natural (C6CON1)	YRHDGGNVL	3552	no NEN in Pl cookinil
	Cw7	Cw*0702	721.221 transfected	non-natural (C6CON1)	YRHDGGNVL	3552	no NEN in Pl cocktail
Mouse	å		EL4	Adenovirus EIA P7->Y	SGPSNTYPEI	3353	no NEN in Pl cookinil
	Κ		EL4	<b>VSV NP 52-59</b>	RGYVFQGL	3354	no NEN in Pl cocktail
	ĎΩ		P815	HIV-IIIB ENV G4->Y	RGPYRAFVTI	3355	no NEN in Pl cocktail
	K <sup>q</sup>		P815	non-natural (KdCONI)	KFNPMKTYI	3356	no NEN in Pl cocktail
-	า		P815	HBVs 28-39	IPOSLDSYWTSL	3357	no NEN in PI cocktail

B. Class II binding assays

;	Notes				optimal assay pH is 4.:	4 .														no NEM in Pl mix		optimal assay pH is 5::		optimal assay pH is 5.1	· /		<del>).? si Hq yassa lamido</del>	optimal assay pH is 5.
OTO OTO	1 SECTIONS:	3558	3559	3560	3561	3562	3563	3562	3562	3564	3564	3564	3564	3564	3565	3566	3566	3567	3568	3569	3570	3570	3570	3571	3570	3570	3572	3572
Radiolabeled peptide	Sequence IC50 nM	YPKYVKQNTLKLAT	VVHFFKNIVTPRTPPY	YAAFAAKTAAAFA	YKTIAFDEÉÄRR	YARFQSQTTLKQKT	YARFOROTTLKAAA	YARFQSQTTLKQKT	YARFQSQTTLKQKT	QYIKANSKFIGITE	OYIKANSKFIGITE	QYIKANSKFIGITE	QYIKANSKFIGITE	OYIKANSKFIGITE	EALIHOLKINPYVLS	QYIKANAKFIGITE	QYIKANAKFIGITE	PKYVKQNTLKLAT	NGQIGNDPNRDIL	YARFQSQTTLKQKT	<b>АНААНААНААНАА</b>	АНААНААНААНАА	АНААНААНААНАА	YNTDGSTDYGILQINS	АНААНААНААНАА	АНААНААНААНАА	YLEDARRKKÄIŸEKKK	YLEDARRKKAIYEKKK
Radiola	Source	HA Y307-319	MBP 88-102Y	non-natural (760.16)	MT 65kD Y3-13	non-natural (717.01)	non-natural (717.10)	non-natural (717.01)	non-natural (717.01)	Tet. tox. 830-843	unknown eluted peptide	Tet. tox. 830-843 S->A	Tet. tox. 830-843	HA 307-319	Tet. tox. 830-843	non-natural (717.01)	non-natural (ROIV)	non-natural (ROIV)	non-natural (ROIV)	HEL 46-61	non-natural (ROIV)	non-natural (ROIV)	Lambda repressor 12-26 YLEDARRKKÄIŸEKKK	Lambda repressor 12-26 YLEDARRKKAIYEKKK				
Cell line		TC2	L466.1	L242.5	MAT	Preiss	YAR	BIN 40	KT3	Pitout	OLL	LUY	且	Sweig	Herluf		GM3107 or L416.3	L255.1	MAT	L257.6	*03( <b>PF</b>	DB27.4	A20	CH-12	LS102.9	91.7	A20	CH-12
Allele	0	DRB1 *0101	DRB 1 * 1501	* 1601	DRB 1 *0301	*0401	*0402												_		QA1*0301/DQB1							
Amtigen	0	DR1	DR2	DR2	DR3	DR4w4	DR4w10	DR4w14										DR51	DR52	DR53	D03.1	Å.	ĮΑ.	ΙΑ <sub>κ</sub>	IAs	"Y	"出	Ä
Species	1	Human								r												Mouse						